

### **Key Activity 3: Improve the Infrastructure.**

#### **Infrastructure Vision Statement**

Some of the residential streets, pedestrian corridors, and other infrastructure in South Park, were built prior to annexation of the area into Seattle and have not been upgraded to the current City standards. Significant infrastructure improvements in South Park have been accomplished by the City of Seattle but much remains to be done. Many streets lack sidewalks, curbing and drainage. The unique hydrological and topographical features of South Park also pose some significant challenges to drainage and maintenance of neighborhood streets. However, there is the potential to use the restoration of hydrological features to improve drainage in certain locations. Improving the infrastructure will help create a community where “residents and businesses practice responsible stewardship of the environment” and “people feel safe and comfortable walking, riding a bicycle, using public

#### **Infrastructure Objective and Activity Statements**

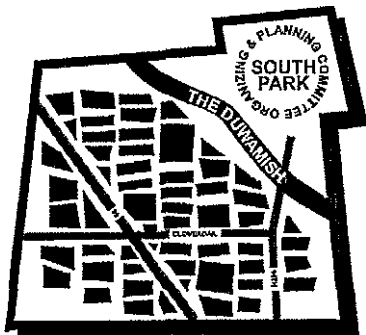
Key

Objective 3.01: Provide major improvements to the neighborhood streets.

Key

Activity 3.01: Design, engineer and rebuild the street, per current City of Seattle street improvement standards, in the 3rd Avenue South right of way between South Trenton Street and South Henderson Street to accommodate at least 14 potential sites for single family housing along the right of way.

- Conduct a wetland delineation survey. There appears to be a wetland in this area and its extent will have to be evaluated.
- Reassess the condition of sewer line along 3rd Avenue South in the north half of the block.
- Establish horizontal and vertical alignment, width of street, paving, drainage, and sidewalks in the unimproved section at mid-block.



- Add pavement, sidewalks, and drainage along the entire length of the block.
- Coordinate with developer on other infrastructure improvements necessary to support future housing units on block.

See Figures 14 through 17 in this Element of this Plan.

#### Key

Activity 3.02: Design, engineer and rebuild the streets per current City of Seattle street improvement standards in the 4th Avenue South right of way between South Trenton Street and South Henderson Street.

- Determine liabilities for the street damage caused by heavy trucks working on the South Park Drainage Project along South Henderson Street and 5th Avenue South and pursue remedial action.
- \* Propose alternatives for containing spring water along street, including properties fronting the street.
- \* Correct horizontal and vertical alignment and width of street, paving, drainage, and sidewalks.

See Figures 14 through 17 in this Element of this Plan.

#### Key

Activity 3.03: Replace and/or repair the stairs and install retaining wall and other erosion control measures on the north slope of Catholic Hill at 12th Avenue South and South Trenton Street.

- Incorporate proposed plaza with site specific public art at the top of the stairs.
- Install retaining wall and other erosion control measures to protect the 8-inch water main and sewer main at the top of the hill in the South Trenton Street right of way, and the adjacent properties at the foot of the hill.
- Reduce the potential for drug deals and assaults on the stairs through additional lighting and community policing.

See Figures 19 through 22 in this Element of this Plan.

Key

Activity 3.04: Repair the stairs on the north slope of Catholic Hill at 10th Avenue South and South Trenton Street.

Key

Objective 3.02: A comprehensive storm drainage system is needed in the area East of 4th Avenue South to 8th Avenue South and south of South Director Street to South Cambridge Street, around Concord School and along South Director Street.

Key

Activity 3.05: Install street drainage systems in the area East of 4th Avenue South to 8th Avenue South and south of South Director Street to South Cambridge Street.

See Figures 17 and 18 in this Element of this Plan.

Key

Activity 3.06: Improve the street drainage system along South Director Street, including the storm water flooding at 565 South Director Street.

Key

Activity 3.07: Install street drainage systems on 7th Avenue South, 8th Avenue South, and South Henderson Street, around the Concord Elementary School.

Key

Activity 3.08: Study the feasibility of connecting the drainage systems described in activity numbers: Key Activity 3.05, Key Activity 3.06, Key Activity 3.07 above, to the proposed bioswale on the Fibers and Mara Farm properties along South Director Street (parcel nos. 3224049021, 3224049035, and 3224049044). The bioswale will be constructed in 1999 as a part of Phases I and II of the 4th Avenue S / S. Barton Street flood control / Hamm Creek daylighting project.

Key

Activity 3.09: Coordinate these projects with South Park neighborhood organizations, property owners, King County and others.

Key

Objective 3.03: General improvements are needed throughout the South Park Residential Urban Village.

Key

Activity 3.10: Provide miscellaneous spot repairs on streets and sidewalks. Arterials the highest priority.

See Figure 23 in this Element of this Plan for descriptions and locations of problems.

Key

Activity 3.1 : the

See Figures 15 and 16 in this Element of this Plan for areas needing improvement.

Key

3.04: Conduct a comprehensive inventory of the South Park infrastructure.

Key

Activity 3.12: Conduct a comprehensive inventory of infrastructure needs in South Park to identify the severity and extent of drainage and other problems. Prioritize needs and propose alternate solutions and funding strategies to address these problems. Coordinate with to implementing solutions.

- Assess and propose improvements to South Park's sewer system at the locations indicated in Figure 24 in this Element of this Plan.
- Assess and propose improvements to South Park's storm drainage system at the locations indicated in Figure 17 this Element of this Plan.
- Assess and propose improvements to South Park's water supply system at the locations indicated in Figure 25 in this Element of this Plan.
- Determine priorities, costs and scheduling for implementation of improvements to sewer, storm drainage and water systems.

Key

Objective 3.05: Provide access routes for persons with disabilities and special needs to transit facilities, public facilities, social services, and commercial districts.

Key

Activity 3.13: Improve access to the SPARC Neighborhood Center Building at 8201 10th Avenue South for those with physical disabilities.

- Evaluate facility for compliance with current ADA standards.
- Develop proposal for upgrading restrooms, building entry and

Key

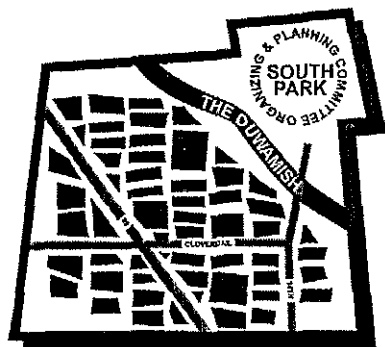
Activity 3.14: Survey South Park to identify access inadequacies.

Key

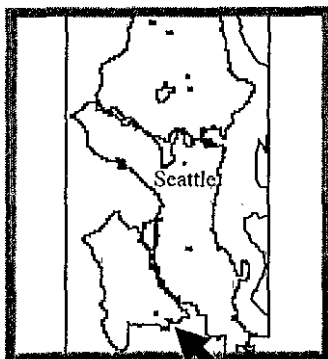
Activity 3.15: Make the necessary improvements to address the identified inadequacies.

Key

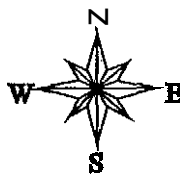
Objective 3.06: Remove private encroachments into City



Angelo  
Architecture

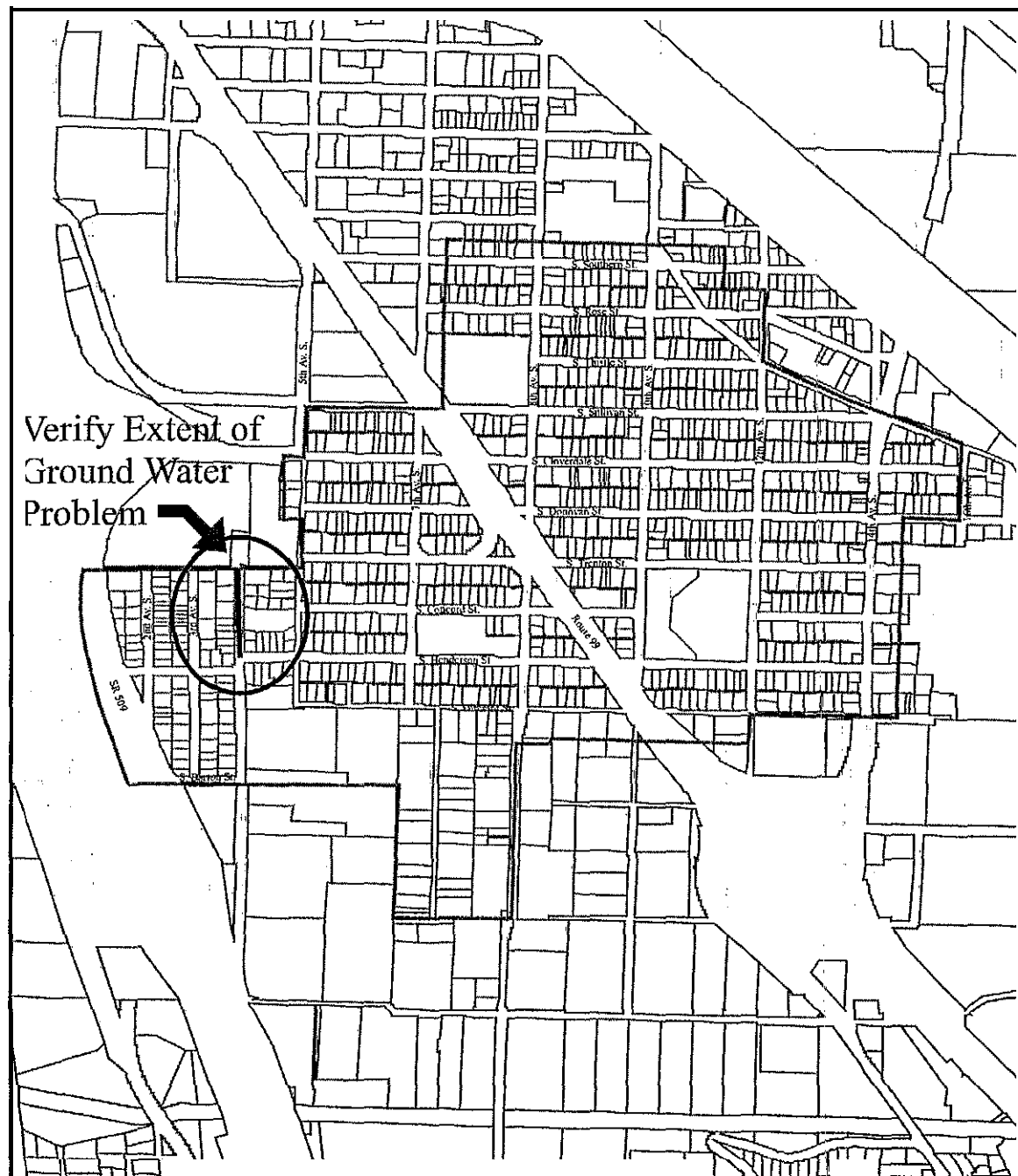


Vicinity Map

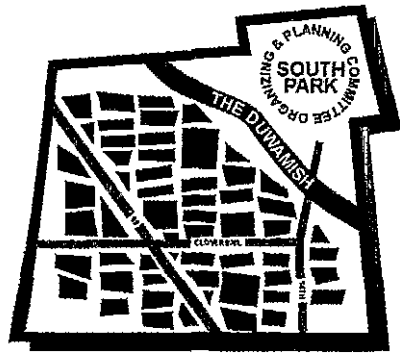


□ South Park Residential Urban Village  
/ Land Parcels

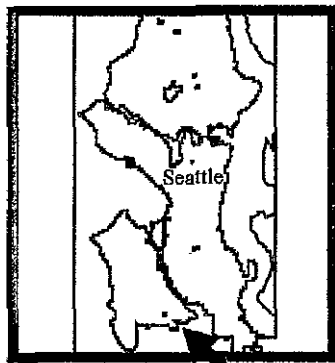
Key Activities Figure 14  
South Park  
Residential Urban Village  
Areas With Spring Water



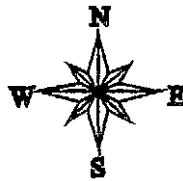
Verify Extent of  
Ground Water  
Problem



Angelo  
Architecture

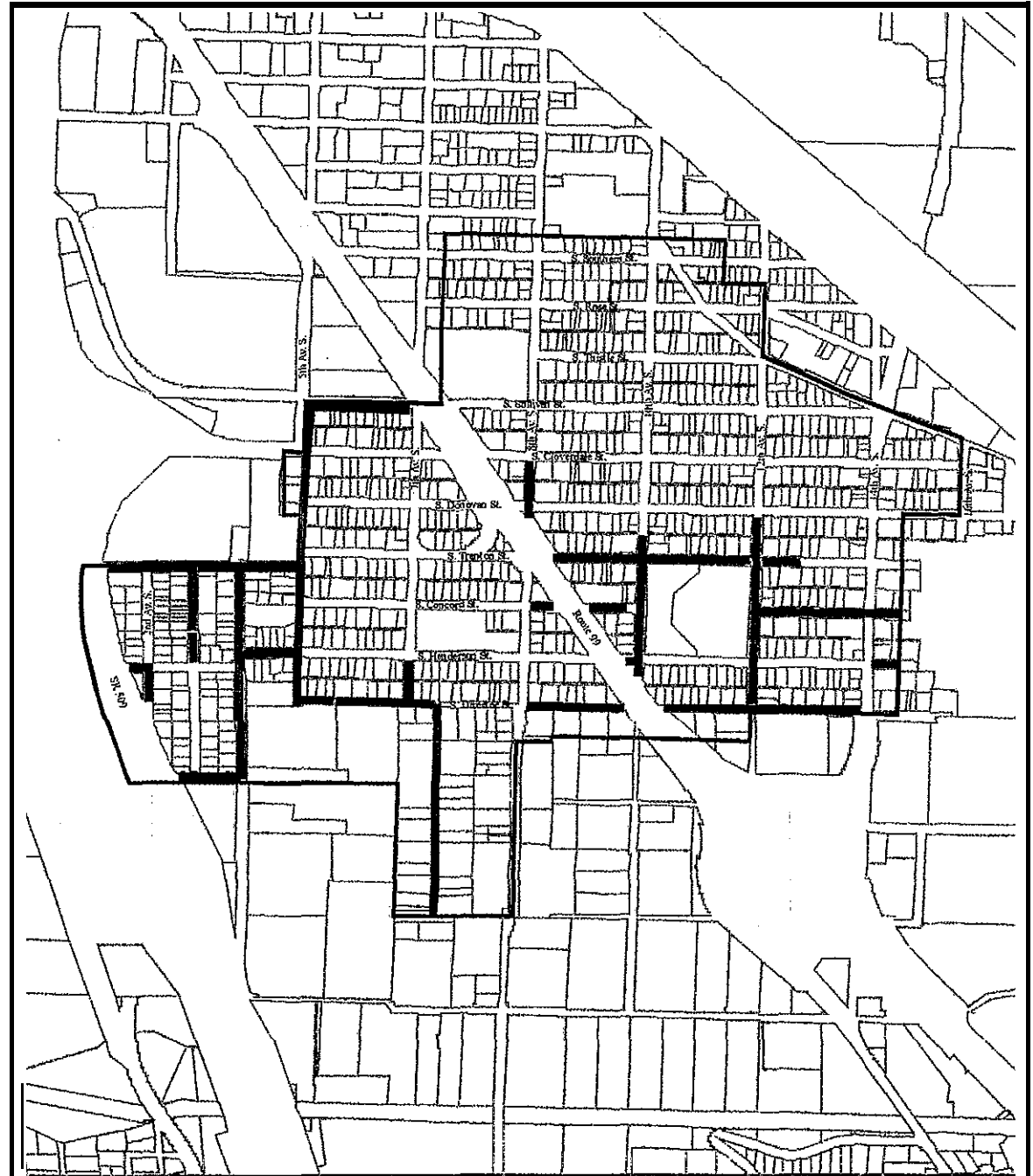


Vicinity Map

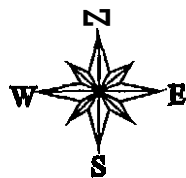
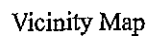


- No Sidewalk On One Side
- No Improvements
- No Sidewalk On Both Sides
- ▤ South Park Residential Urban Village
- ~ Land Parcels

# Key Activities Figure 15 South Park Residential Urban Village Existing Condition of Sidewalks

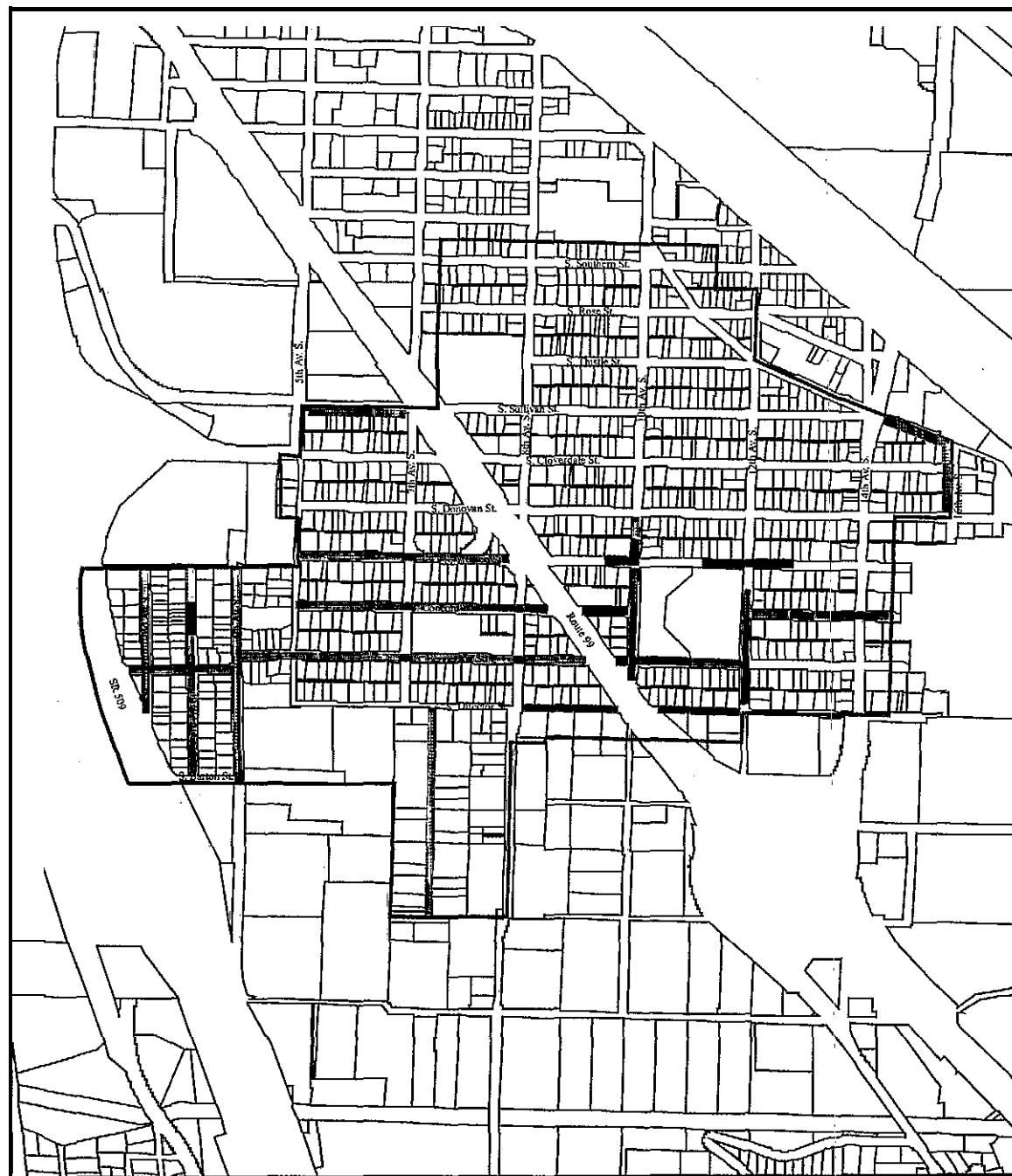


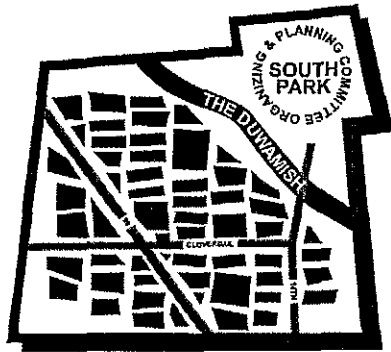




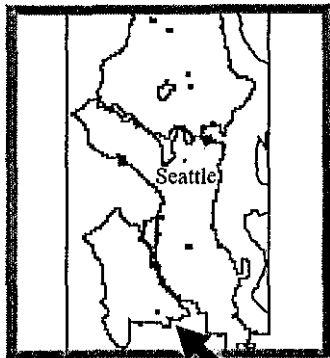
- No Improvements
- No Curbs
- South Park Residential Urban Village
- △ Land Parcels

## Key Activities Figure 16

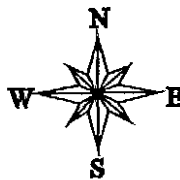




Angelo  
Architecture

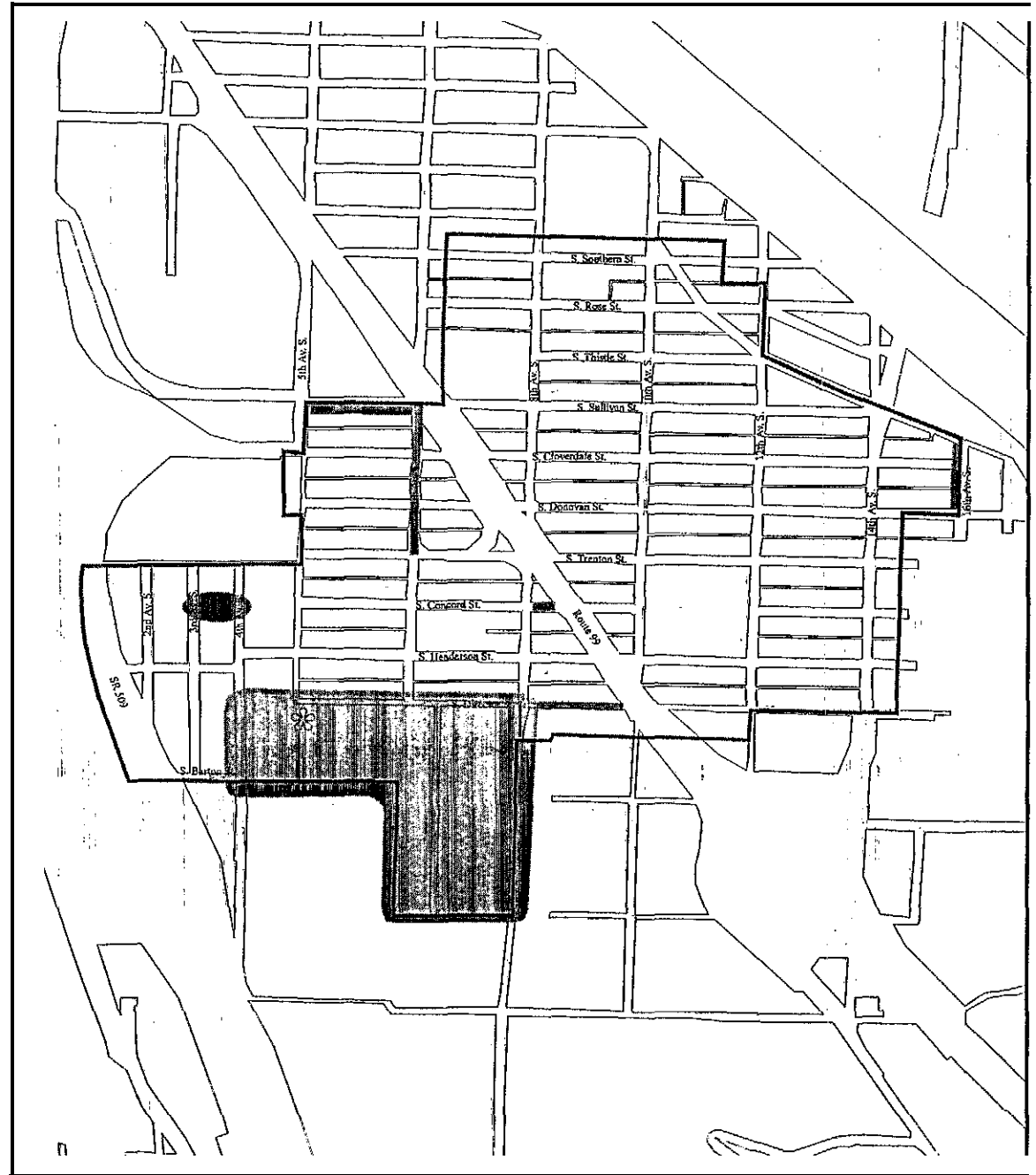


Vicinity Map

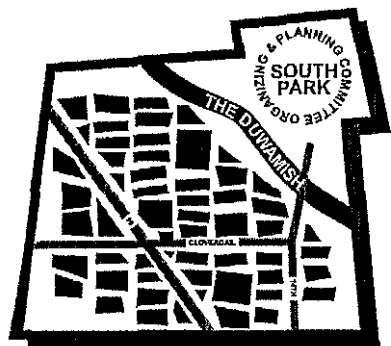


- Land Parcel
- South Park Residential Urban Village

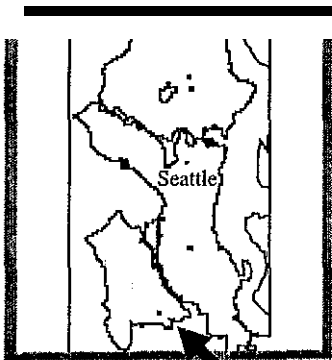
# Key Activities Figure 17 South Park Residential Urban Village Inadequate Storm Drainage



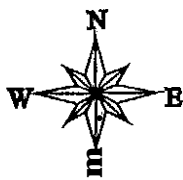




Angelo  
Architecture

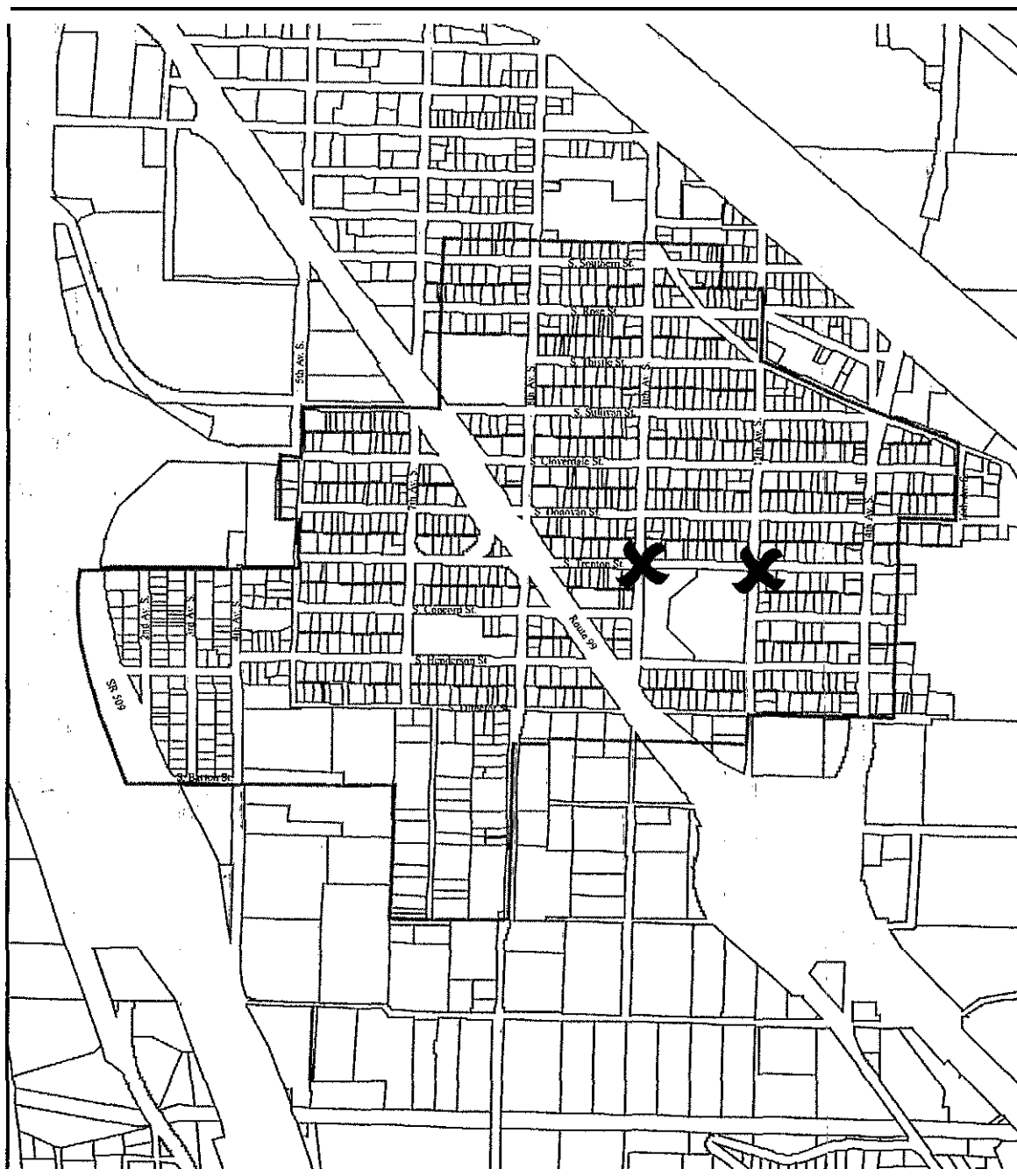


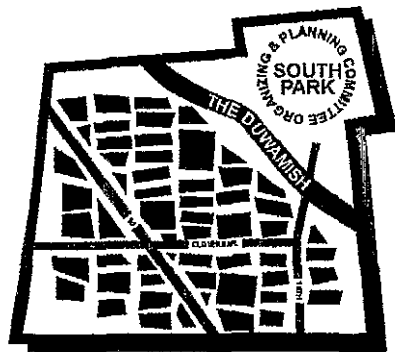
Vicinity Map



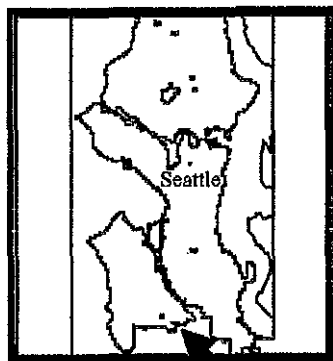
- ∧ Inadequate Street Lighting
- South Park Residential Urban Village
- ∧ Land Parcels

# Key Activities Figure 19 South Park Residential Urban Village Hill Climb Locations

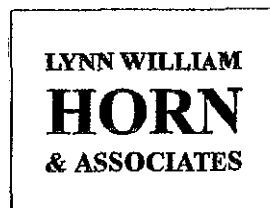




Angelo  
Architecture



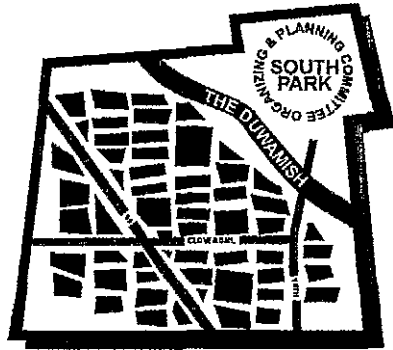
Vicinity Map



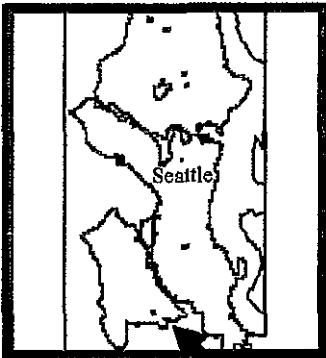
Key Activities Figure 20  
South Park  
Residential Urban Village  
Hill Climb



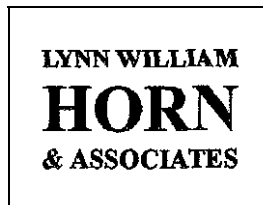
Existing Conditions



Angelo  
Architecture

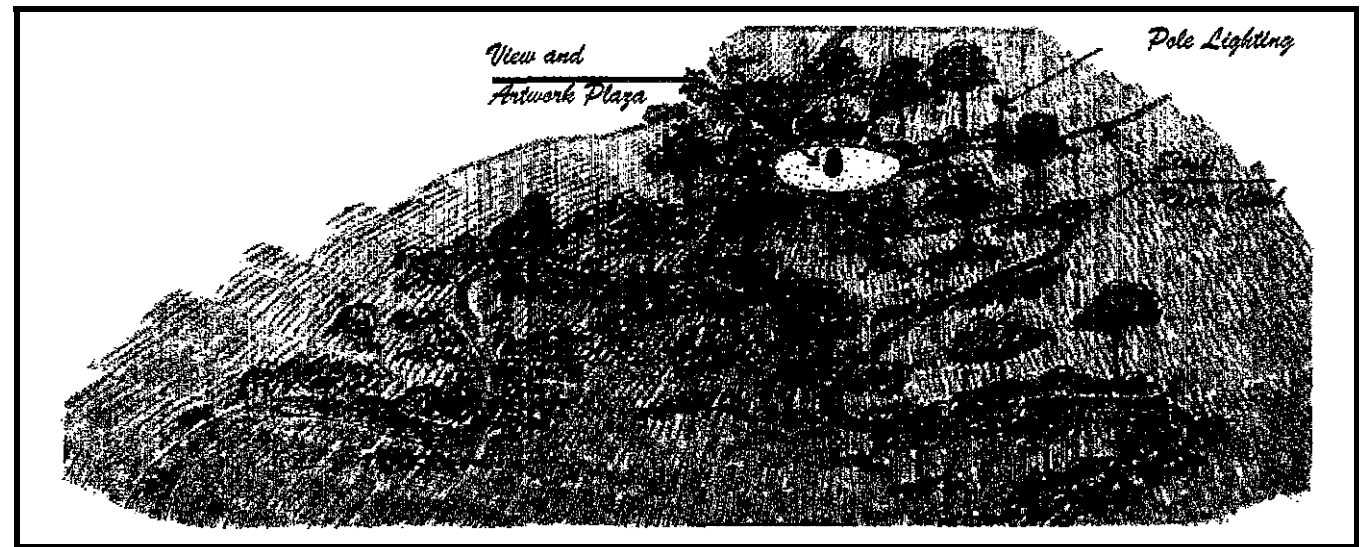


Vicinity Map



Key Activities Figure 21  
South Park  
Residential Urban Village  
Hill Climb

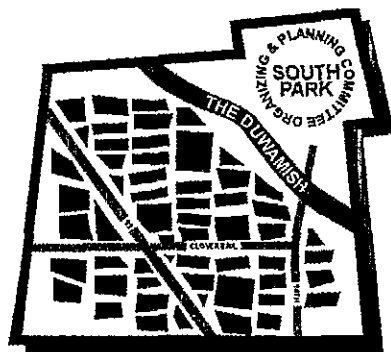
*SFA MAR Site*



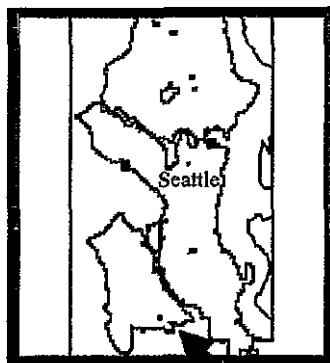
*South Trenton Street*

*12th Street South*

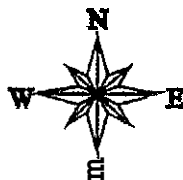
Conceptual Solution



Angelo  
Architecture

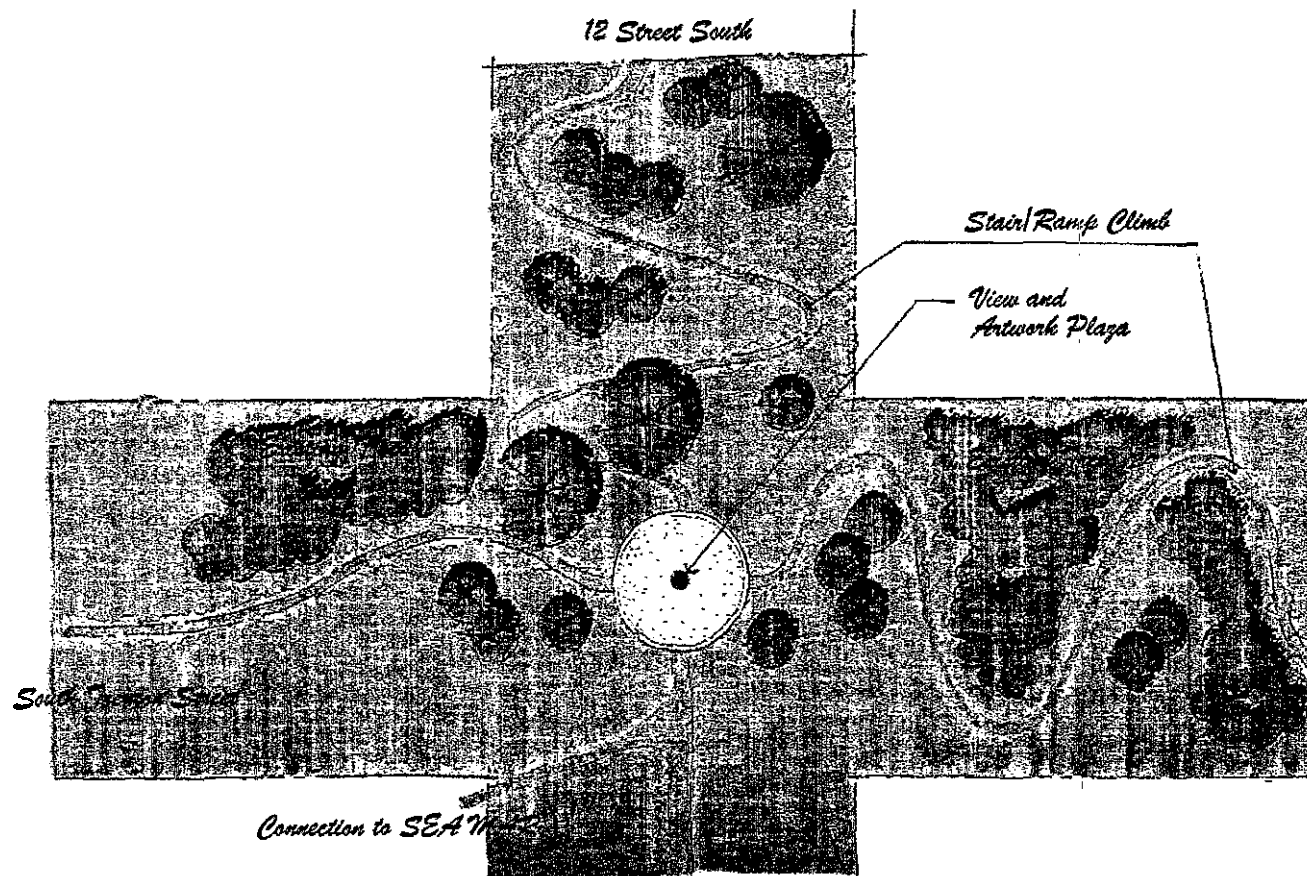


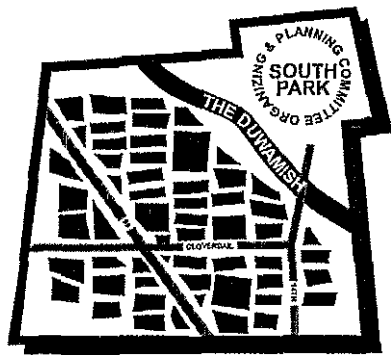
Vicinity Map



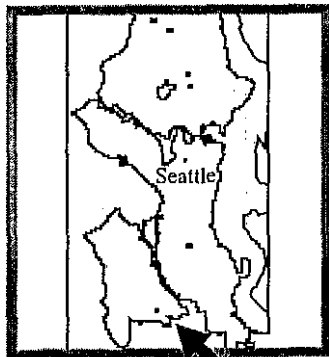
LYNN WILLIAM  
**HORN**  
& ASSOCIATES

Key Activities Figure 22  
South Park  
Residential Urban Village  
Hill Climb

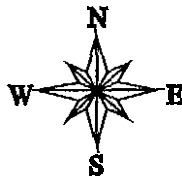




Angelo  
Architecture



Vicinity Map



- South Park Residential Urban Village
- ∧ Land Parcels

Key Activities Figure 23A  
South Park  
Residential Urban Village  
Existing Condition of Roads,  
Walks and Curbs

